

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-24 16:25:54

Date of Next Testing: 2028-03-23 16:25:54

Product Name: **Deuteroporphyrin IX dimethyl ester from bovine blood**

CAS Number: 10589-94-3

Specifications & Purity: technical grade, $\geq 90\%$

Lot #: C2514321

SKU #: **D477117**

Version: **1**

Analysis #: **418038**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon Content	62.8-79.9 (%)	72.30000 %
Purity(HPLC area)	90-100 (%)	97.80000 %
UV-Visible Spectrum (397-405nm , In Toluene)	≥ 120000	189004.00000
Appearance(D477117)	Red to Purple Powder, Crystals, Crystalline Powder and/or Chunks	Red to Purple Powder, Crystals, Crystalline Powder and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager